

Atty Docket No. CGAB-210 USA

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

patent is sought on the inv	ention entitled		
METHODS AND COMPOSIT	TIONS FOR SYNTHESIS OF LO	ONG CHAIN POLYUNSATURAT	ED FATTY ACIDS
the specification of which (International Application No	check one) is attached he b. <u>PCT/US98/07126</u> and wa	ereto or <u>X</u> was filed on <u>10 A</u> is amended on(i	pril 1998 as f applicable).
The state of the s	eviewed and understand the c ended by any amendment ref	contents of the above-identified ferred to above.	specification,
I acknowledge the duty to § 1.56.	disclose all information which	is material to patentability as o	defined in 37 CFR
application(s) for patent or designated at least one cou	inventor's certificate, or § 36 intry other than the United Si patent or inventor's certificat	§ 119(a)-(d) or § 365(b) of any 65(a) of any PCT International a tates, listed below and have als e having a filing date before tha	pplication which o identified below
Prior Foreign Application(s)			<u>Priority Claimed</u> <u>Yes</u> <u>No</u>
Number	Country	Day/Month/Year Filed	
Number	Country	Day/Month/Year Filed	
I hereby claim the benefit u	ınder 35 U.S.C. § 119(e) of a	any United States provisional ap	plication(s) below.
Application Number	Filing Date		
Application Number	Filing Date	- 	
PCT International application of each of the claims of the provided by the first paragraph which is material to patents	on designating the United Sta is application is not disclosed raph of 35 U.S.C. § 112, I ac ability as defined in 37 CFR §	United States application(s), or tes, listed below and, insofar as in the prior United States applic knowledge the duty to disclose is 1.56 which became available be crnational filing date of this appl	s the subject matter cation in the manner all information petween the filing
08/834,655	11 April 1997	Pending	
Application Number	Filing Date	Status: Patented, Pendin	g, Abandoned

Status: Patented, Pending, Abandoned

Filing Date

Application Number



THEREWITH: Karl A. Limbach George C. Limbach John K. Uilkema Neil A. Smith Veronica C. Devitt Ronald L. Yin Gerald T. Sekimura Michael A. Stallman Philip A. Girard Michael J. Pollock Stephen M. Everett Alfred A. Equitz	18,689 19,305 20,282 25,441 29,375 27,607 30,103 29,444 28,848 29,098 30,050 30,922	W. Patrick Bengtsson Mark A. Dalla Valle Charles P. Sammut Mark C. Pickering Kathleen A. Frost Alan S. Hodes Patricia Coleman James Alan A. Limbach Douglas C. Limbach Brian J. Keating Seong-Kun Oh* Cameron A. King * Recognition under 37 CFR 10	35,249 39,520 P-41,897	Kyla L. Harriel Mayumi Maeda Kent J. Tobin Christine S. Ring Michael R. Ward Steven M. Santisi Charles L. Hamilton Andrew V. Smith Heath W. Hoglund J. Thomas McCarthy	40,075 39,496 P-42,106 38,651 40,157 P-42,624 P-43,132 41,076 22,420
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Send correspondence to

Limbach & Limbach L.L.P. Attn: Michael R. Ward 2001 Ferry Building San Francisco, CA 94111 Telephone: 415/433-4150

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT OFFICE CONNECTED THEREWITH:

Karl A. Limbach	18,689	W. Patrick Bengtsson	32,456	Kyla L. Harriel	P-41,816
George C. Limbach	19,305	Mark A. Dalla Valle	34,147	Mayumi Maeda	40,075
John K. Uilkema	20,282	Charles P. Sammut	28,901	Kent J. Tobin	39,496
Neil A. Smith	25,441	Mark C. Pickering	36,239	Christine S. Ring	P-42,106
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Michael R. Ward	38,651
Ronald L. Yin	27,607	Alan S. Hodes	38,185	Steven M. Santisi	40.157
Gerald T. Sekimura	_30.103_	Patricia Coleman James	37,155	Charles L. Hamilton	P-42,624
Michael A. Stallman	29,444	Alan A. Limbach	39,749	Andrew V. Smith	P-43,132
Philip A. Girard	28,848	Douglas C. Limbach	35,249	Heath W. Hoglund	41,076
Michael J. Pollock	29,098	Brian J. Keating	39,520	J. Thomas McCarthy	22,420
Stephen M. Everett	30,050	Seong-Kun Oh*			
Alfred A. Equitz	30,922	Cameron A. King	P-41.897		

Send correspondence to

Limbach & Limbach L.L.P.
Attn: Michael R. Ward
2001 Ferry Building
San Francisco, CA 94111
Telephone: 415/433-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00			
Full name of sole or first inventor DEBORAH KNUTZON			
Inventor's signature <u>Deboah Knuh</u>	2/4/98	6	
	Date	CA	
Residence 6110 Rockhurst Way, Granite Bay, California 95746			
Citizenship U.S.A.			
Post Office Address 6110 Rockhurst Way, Granite Bay, California 9	95746		-
え一心 Full name of second joint inventor, if any <u>, PRADIP MUKERJI</u>			
Inventor's signature			
	Date		
Residence 1069 Arcaro Drive, Gahanna, Ohio 43230		<u> </u>	
Citizenship-Republic of China, Canada			
Post Office Address 1069 Arcaro Drive, Gahanna, Ohio 43230			

Atty Docket No. CGAB-210 USA

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND COMPOSITIONS FOR SY	THESIS OF LONG CHAIN	POLYUNSATURAT	ED FATTY ACIDS
the specification of which (check one)	is attached hereto or X	was filed on 10 A	pril 1998 as

International Application No. PCT/US98/07126 and was amended on ______ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
Number	Country	Day/Month/Year Filed	
I hereby claim the benefit u	inder 35 U.S.C. § 119(e) of	any United States provisional	application(s) below.
Application Number	Filing Date		
Application Number	Filing Date		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

08/834,655	11 April 1997	Pending
Application Number	Filing Date	Status: Patented, Pending, Abandoned
Application Number	Filing Date	Status: Patented, Pending, Abandoned

\PATENTS\COMB-DEC.MRG - 1 - Revised: 05/01/98

3-00
Full name of third joint inventor, if any, YUNG-SHENG HUANG
Inventor's signature
Dat 0 //
Citizenship U.S.A.
Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220
4-00
Full name of fourth joint inventor, if any, <u>JENNIFER THURMOND</u>
Inventor's signature
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Residence 3702 Adirondack, Columbus, Ohio 43231
Citizenship <u>U.S.A.</u> Post Office Address <u>3702 Adirondack, Columbus, Ohio 43231</u>
Tost Office Address 3702 Adiforidack, Coldifibus, Offic 43231
5 - 00 Evil name of fifth inject inventor, if any SUNITA CHAUDHADY
Full name of fifth joint inventor, if any, SUNITA CHAUDHARY
Inventor's signature
Residence 3419 Woodbine Place, Pearland, Texas 77584
Citizenship India
Post Office Address 3419 Woodbine Place, Pearland, Texas 77584
Ž (A)
$6-\omega$
Full name of sixth joint inventor, if any, AMANDA EUN-YEONG LEONARD
Inventor's signature
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Citizenship U.S.A.
Post Office Address 581 Shadewood Court, Gahanna, Ohio 43230

3-00	
Full nam of third joint inventor, if any, YUNG-SHENG HUANG	
Inventor's signatur G-5. Hua - 8/4/88	
Date	
Residenc 2462 Dany rs Court, Upper Arlington, Ohio 43220	
Citizenship U.S.A. Taiwan, Canada	
Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220	
,	
リーの Full name of fourth joint inventor, if any, <u>JENNIFER THURMOND</u>	
Full name of fourth joint inventor, if any, <u>JENNIFER LEURINIOND</u>	
Inventor's signature United Hurman 8-4-98	
Residence 3702 Adironeack, Columbus, Ohio 43231	
Citizenship U.S.A.	_
Post Office Address 3702 Adirondack, Columbus, Ohio 43231	
3072.	_
2012	
Full name of fifth joint inventor, if any, <u>SUNITA CHAUDHARY</u>	
Inventor's signature	
Date Paridones 2410 Wasdhing Blace Bootland Towar 77504	
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Citizenship <u>India</u> Post Office Address 3419 Woodbine Place, Pearland, Texas 77584	
Fost Office Address 3415 Woodblife Flace, Feditand, Texas 77564	
() - (1) Full name of sixth joint inventor, if any, AMANDA EUN-YEONG LEONARD	
Tall Harle of Sixth Joint Inventor, if any, Augustica Legit Legito Legitoria	
Inventor's signature amenda Eun-Yeung Leonard 8/4/98	,
Inventor's signature Immala Eun-Yeung Leonard 8/4/98 Date	
Residence 581 Shadewood Court, Gahanna, Ohio 43230	
Citizenship U.S.A.	
Post Office Address 581 Shadewood Court, Gahanna, Ohio 43230	

08/834,655



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My residence, post office address and citizenship are as stated below next to my name,

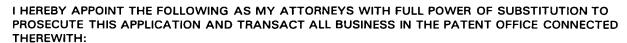
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and

joint inventor (if plural names a patent is sought on the invent	are listed below) of the	subject matter which is claimed a	and for which a
METHODS AND COMPOSITION	NS FOR SYNTHESIS O	F LONG CHAIN POLYUNSATURAT	TED FATTY ACIDS
		d hereto or <u>X</u> was filed on <u>10 A</u> was amended on	
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I acknowledge the duty to disc § 1.56.	close all information wh	hich is material to patentability as	defined in 37 CFR
application(s) for patent or inv designated at least one countr	entor's certificate, or § y other than the United	C. § 119(a)-(d) or § 365(b) of any is 365(a) of any PCT International ad States, listed below and have als cate having a filing date before the	application which so identified below
Prior Foreign Application(s)			Priority Claimed Yes No
Number	Country	Day/Month/Year Filed	
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Application Number	Filing Date		
Application Number	Filing Date		
PCT International application of each of the claims of this a provided by the first paragraph which is material to patentability.	lesignating the United Spplication is not disclosen of 35 U.S.C. § 112, lity as defined in 37 CF	any United States application(s), on States, listed below and, insofar a sed in the prior United States applications acknowledge the duty to disclose R § 1.56 which became available international filing date of this app	s the subject matter ication in the manner e all information between the filing

Filing Date Status: Patented, Pending, Abandoned **Application Number** Status: Patented, Pending, Abandoned **Application Number** Filing Date

Pending

11 April 1997



Karl A. Limbach	18,689	W. Patrick Bengtsson	32,456	Kyla L. Harriel	P-41,816
George C. Limbach	19,305	Mark A. Dalla Valle	34,147	Mayumi Maeda	40,075
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Philip A. Girard	28,848	Douglas C. Limbach	35,249	Heath W. Hoglund	41,076
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Stephen M. Everett	30,050	Seong-Kun Oh*		·	
Alfred A. Equitz	30,922	Cameron A. King	P-41,897		

* Recognition under 37 CFR 10.9(b)

Send correspondence to

Limbach & Limbach L.L.P. Attn: Michael R. Ward 2001 Ferry Building San Francisco, CA 94111 Telephone: 415/433-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor DEBORAH KNUTZON	
Inventor's signature	
	Date
Residence 6110 Rockhurst Way, Granite Bay, California 95746	
Citizenship U.S.A.	
Post Office Address <u>6110 Rockhurst Way, Granite Bay, California 9</u>	5746
•	
Full name of second joint inventor, if any, PRADIP MUKERJI	
Inventor's signature	
inventor a signature	Date
Residence 1069 Arcaro Drive, Gahanna, Ohio 43230	Dute
Citizenship Republic of China, Canada	
Post Office Address 1069 Arcaro Drive, Gahanna, Ohio 43230	
rost Utilice Address Tubs Arcaro Drive. Gananna. Unio 43730	

Full nam of third joint invent r, if any, YUNG-SHENG HUANG				
Inv ntor's signature				
Dat				
Resid nce 2462 Danvers Court, Upp r Arlington, Ohio 43220 Citizenship U.S.A.				
Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220				
2 TO 2 Dantolo Codity Oppor 7 mingtony One To 220				
Full name of fourth joint inventor, if any, <u>JENNIFER THURMOND</u>				
Inventor's signature				
Residence 3702 Adirondack, Columbus, Ohio 43231				
Citizenship U.S.A.				
Post Office Address 3702 Adirondack, Columbus, Ohio 43231				
5-00				
Full name of fifth joint inventor, if any, SUNITA CHAUDHARY.				
(p) 11 1 - 8//190				
Inventor's signature Shaudhary 8/6/98 Date				
Residence 3419 Woodbine Place, Pearland, Texas/77584				
Citizenship India				
Post Office Address 3419 Woodbine Place, Pearland, Texas 77584				
Full name of sixth joint inventor, if any, <u>AMANDA EUN-YEONG LEONARD</u>				
Inventor's signature				
Date				
Residence 581 Shadewood Court, Gahanna, Ohio 43230				
Citizenship U.S.A.				
Post Office Address 581 Shadewood Court, Gabanna, Obio 43230				



Office of Initial Patent Examination -- Scanning Division



Application deficiencies were found during scanning:

Page(s) /42	of _ <i></i>	recitication	were not present
for scanning.	·	(Document title)	
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